

Divij

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EDUCATION

- SRM University, Chennai** Chennai, India
Bachelor of Technology in Computer Science Engineering; Expected Graduation: 2027 2023 – 2027

EXPERIENCE AND PROJECTS

- Shimi Designs and Consulting Engineers Pvt Ltd** Chennai, India
Project: Checklist Management System 2024
 - **Checklist Management System:** Developed a checklist system integrated with the company's database to streamline product verification. Enabled data export to CSV and Word formats. Built an interactive Tkinter-based GUI for easy navigation and usability.
- Face Recognition Attendance System** University Project
AI-Powered Attendance System 2025
 - **Face Recognition:** Designed and implemented an attendance tracking system using facial recognition to enhance security and automation in educational institutions. Built a Tkinter GUI for real-time recognition and logging.
- Budget Planner Website** Personal Project
Expense Tracker with Reminders 2025
 - **Finance Management Tool:** Developed a budget planner that tracks daily and monthly expenses. Integrated SQL for data storage and Excel exports. Implemented notification reminders for users to log expenses.
- Puzzle Alarm Clock** School Project
Smart Alarm with Problem-Solving Feature 2022
 - **Alarm Clock with Puzzle Solver:** Built an innovative alarm clock that requires users to solve a puzzle before turning off, ensuring effective waking up. Added motivational quotes for user encouragement.

SKILLS & COURSES

- **Technical Skills:** Python, SQL, Tkinter, OpenCV, GitHub, Data Structures & Algorithms
- **Courses:** Machine Learning, Computer Vision, Database Management Systems

RESEARCH & INTERESTS

- AI-Powered Cyber-Physical Systems** Ongoing
Traffic Congestion Prediction and Smart City Optimization 2025
 - **Smart City Optimization:** Researching AI-driven cyber-physical systems to optimize urban traffic flow and enhance transportation efficiency.

EXTRACURRICULAR ACTIVITIES

- Sketch Club** Video Editor
Edited promotional and event videos for the club 2024
- Tech Clubs & Hackathons** Participant
Actively engaged in coding events, hackathons, and university competitions 2023 – Present
 - **Competitive Coding:** Participated in coding competitions to refine problem-solving skills.
 - **Technical Community Engagement:** Contributed to university coding clubs and tech meetups.